

YUV DISPLAY BUFFER

ABSTRACT OF THE DISCLOSURE

5

A method for enhancing storage capability for a display controller initiates with receiving video display data having a color format associated with a first sub-sampling scheme. Then, a size associated with the video display data is adjusted. Next, the video display data is compressed through a second sub-sampling scheme. Then, the 10 compressed data having the color format is stored. A computer readable medium, a display controller and a digital video device are also provided as environments in which the method can be stored and/or implemented.